

U.S. PATENT APPLICATION DATA SHEET

Application Information

Application Type:: Regular

Subject Matter:: Utility

CD-ROM or CD-R?:: n/a

Title:: A REMOVABLE BACK SUPPORT APPARATUS
FOR USE WITH A MULTI-PURPOSE WEIGHT
MACHINE

Attorney Docket Number:: 92815pus

Request for Early Publication?:: No

Request for Non-Publication?:: No

Suggested Drawing Figure:: 3

Total Drawing Sheets:: 3

Small Entity:: Yes

Petition Included?:: No

Petition Type:: n/a

Secrecy Order in Parent Application?:: No

Inventor Information

Inventor Authority Type:: Inventor

Primary Citizenship Country:: Canadian

Status:: Full Capacity

Parameter	Value	Unit
Initial concentration	1.0	g/L
Initial pH	7.0	
Temperature	25	°C
Time	0-24	h
Agitation speed	150	rpm
Batch size	100	L
Sampling interval	1	h
Analysis method	HPLC	
Mobile phase	Water:Acetonitrile (90:10)	
Flow rate	1.0	mL/min
Detection wavelength	210	nm
Injection volume	10	μL
Column	Agilent Zorbax SB-C18	
Column length	150	mm
Column diameter	4.6	mm
Particle size	5	μm
Retention time	12.5	min
Peak area	1.2	10 ⁶
Concentration	0.1	g/L
Recovery	95	%
Linearity	0.999	
Limit of detection	0.01	g/L
Limit of quantification	0.05	g/L
Stability	0.5	%
Precision	1.0	%
Accuracy	0.5	%
Robustness	0.5	%
Repeatability	0.5	%
Intermediate precision	0.5	%
Total ion chromatogram	See Figure 1	
Mass spectrum	See Figure 2	
Reference compound	1,4-Dihydroxy-2-naphthol	
Reference concentration	1.0	g/L
Reference retention time	12.5	min
Reference peak area	1.2	10 ⁶
Reference concentration	0.1	g/L
Reference recovery	95	%
Reference linearity	0.999	
Reference limit of detection	0.01	g/L
Reference limit of quantification	0.05	g/L
Reference stability	0.5	%
Reference precision	1.0	%
Reference accuracy	0.5	%
Reference robustness	0.5	%
Reference repeatability	0.5	%
Reference intermediate precision	0.5	%
Reference total ion chromatogram	See Figure 1	
Reference mass spectrum	See Figure 2	

Correspondence Information

Correspondence Customer Number:: 006431



Representative Information

Representative Customer Number:: 006431



Domestic Priority Information

Application:: Continuity Type:: Parent Application:: Parent Filing Date::

Foreign Priority Information

Country:: Application Number:: Filing Date::

Section 119(e) Priority Information

This application claims the benefit of United States Provisional Patent Application No. 60/281,727, entitled REMOVABLE BACK SUPPORT APPARATUS FOR USE WITH A MULTI-PURPOSE WEIGHT LIFTING MACHINE, filed April 6, 2001.

Assignee Information

Assignee Name::

Street::

City::

State or Province::

Country::

Postal or Zip Code::